

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method comprising:

finding a correlation between a first statement and a previous statement;
predicting a second statement based on the previous statement; and statement,
wherein the predicting further comprises finding the previous statement in a history and
finding the second statement that was next in time following the previous statement in the
history; and
retrieving at least one page from a database based on the second statement,
wherein the retrieving further comprises executing the second statement against the
database.

2. (Original) The method of claim 1, wherein the retrieving further comprises:

retrieving the at least one page asynchronously from executing the first statement
against the database; and
storing the at least one page in a cache.

3. (Currently amended) The method of claim 1, wherein the finding the correlation
further comprises:

finding a host variable in the history that matches the host variable in the
first statement.

4. (Canceled)

5. (Canceled)

6. (Currently amended) An apparatus comprising:

means for finding a correlation between a first statement and a previous
statement, wherein the previous statement is stored in a history of a plurality of
statements;

S/N 10/691,295

ROC920030239US1

means for predicting a second statement based on the previous statement, wherein the means for predicting further comprises means for finding the second statement that was next in time following the previous statement in the history; and

means for retrieving at least one page from a database based on the second statement, wherein the means for retrieving further comprises means for executing the second statement against the database.

7. (Original) The apparatus of claim 6, further comprising:

means for saving the first statement in the history.

8. (Original) The apparatus of claim 6, wherein the means for retrieving further comprises:

means for retrieving the at least one page asynchronously from executing the first statement against the database; and

means for storing the at least one page in a cache.

9. (Original) The apparatus of claim 8, further comprising:

means for executing a next statement against the cache, wherein the next statement follows the first statement in time, and wherein a host variable in the next statement matches the host variable in the second statement.

10. (Original) The apparatus of claim 6, wherein the means for finding the correlation further comprises:

means for finding a host variable in the history that matches the host variable in the first statement.

11. (Currently amended) A ~~storage device signal bearing medium~~ encoded with instructions, wherein the instructions when executed comprise:

finding a correlation between a first statement and a previous statement, wherein the previous statement is stored in a history of a plurality of statements;

S/N 10/691,295
ROC920030239US1

predicting a second statement based on the previous statement, wherein the predicting further comprises finding the second statement that was next in time following the previous statement in the history;

executing the first statement against a database; and
retrieving at least one page from the database based on the second statement, wherein the retrieving further comprises executing the second statement against the database.

12. (Currently amended) The storage device signal-bearing medium of claim 11, wherein the retrieving further comprises:

retrieving the at least one page asynchronously from the executing the first statement.

13. (Currently amended) The storage devicesignal-bearing medium of claim 11, further comprising:

storing the at least one page in a cache.

14. (Currently amended) The storage devicesignal-bearing medium of claim 13, further comprising:

executing a next statement against the cache, wherein the next statement follows the first statement in time, and wherein a host variable in the next statement matches the host variable in the second statement.

15. (Currently amended) The storage device signal-bearing medium of claim 11, wherein the finding the correlation further comprises:

finding a host variable in the history that matches the host variable in the first statement.

16. (Currently amended) A server comprising:

a processor; and

S/N 10/691,295
ROC920030239US1

a storage device encoded with instructions, wherein the instructions when executed on the processor comprise:

finding a correlation between a first statement and a previous statement, wherein the previous statement is stored in a history of a plurality of statements, and wherein the finding the correlation further comprises finding a host variable in a history that matches the host variable in the first statement,

predicting a second statement based on the previous statement, wherein the predicting further comprises finding the second statement that was next in time following the previous statement in the history,

executing the first statement against the database, database, and
retrieving at least one page from a database based on the second statement,
wherein the retrieving further comprises executing the second statement against
the database,

storing the at least one page in a cache, and
executing a next statement against the at least one page in the cache,
wherein the next statement follows the first statement in time, and wherein the
host variable in the next statement matches the host variable in the second
statement.

17. (Original) The server of claim 16, wherein the retrieving further comprises:

retrieving the at least one page asynchronously from the executing the first statement.

18. (Canceled)

19. (Canceled)

20. (Currently amended) The server of claim 16, wherein the finding the correlation further comprises:

S/N 10/691,295
ROC920030239US1

6

finding the previous statement, wherein the previous statement is associated with
a same job as the first statement.

S/N 10/691,295
ROC920030239US1